

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	)	<b>Customer No.:</b> 29000
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<b>Jeffrey YING</b>	)	<b>Confirmation No.</b> 8497
	)	
Serial No. 10/646,459	)	<b>Group Art Unit:</b> 2141
	)	
Filed: August 22, 2003	)	<b>Examiner:</b> Coulter, Kenneth R.
	)	
For: CONTROL NETWORK WITH	)	Final Office Action mailed:
MATRIX ARCHITECTURE	)	
	)	September 11, 2007
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**AMENDMENT AND RESPONSE TO OFFICE ACTION  
PURSUANT TO 37 C.F.R. 1.114**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper responds to the Office Action dated September 11, 2007.

Claims 1 and 40-83 are pending, and presently stand rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over U.S. Patent 6,643,689 B2 (Rode et al) in view of U.S. Patent 6,282,583 (Pincus et al). Without acquiescence in the grounds of rejection and without prejudice to pursue the original claimed subject matter at a later time (by continuation application or otherwise), the claims have been amended herein to clarify the subject matter being claimed. For reasons explained in the Remarks herein, it is believed that Applicant's invention is distinct from the cited patents, and that the pending claims are therefore in condition for allowance.

Accordingly, please amend this application as shown herein. Reconsideration of the grounds of rejection is respectfully requested in view of the accompanying remarks.

**Summary of Claims**

Pending: 1 and 40-83

Amended: 1, 41, 43-45, 47, 52, 64, 72-75

Canceled: 2-39

Unchanged: 40, 42, 46, 48-51, 53-63, 65-71, 76-83

New: None

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 16 of this paper.